

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPS60R800CE	**Issued**	07. April 2021
MA#	MA001704972		
Package	PG-TO251-3-343	**Weight***	340.22 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.737	0.80	0.80	8044	8044
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		141	
	non noble metal	iron	7439-89-6	0.160	0.05		470	
	non noble metal	copper	7440-50-8	159.794	46.98	47.04	469678	470289
wire	non noble metal	aluminium	7429-90-5	0.420	0.12	0.12	1233	1233
encapsulation	organic material	carbon black	1333-86-4	0.724	0.21		2127	
	plastics	epoxy resin	-	19.541	5.74		57435	
	inorganic material	silicondioxide	60676-86-0	124.481	36.59	42.54	365881	425443
leadfinish	non noble metal	tin	7440-31-5	4.771	1.40	1.40	14022	14022
solder	non noble metal	tin	7440-31-5	0.053	0.02		155	
	noble metal	silver	7440-22-4	0.066	0.02		194	
	non noble metal	lead	7439-92-1	2.522	0.74	0.78	7413	7762
heatspreader	inorganic material	phosphorus	7723-14-0	0.007			22	
	non noble metal	iron	7439-89-6	0.025	0.01		73	
	non noble metal	copper	7440-50-8	24.874	7.31	7.32	73112	73207
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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